



PIXMA

iP4000R

WIRELESS PRINTING WITH IMPRESSIVE SPEED AND QUALITY

- Easy wireless LAN setup, 10/100BASE-T plus standard USB interface.
- ContrastPLUS ink system for true-life photos and laser-quality text.
- Print speeds of up to 25 pages-per-minute** in black and up to 17** in color.
- Dual paper path with built-in 2-sided printing.
- Maximum 4800 x 1200 color dpi*** with microscopic droplets as small as 2 picoliters.
- Direct photo printing from PictBridge compatible digital cameras and DV camcorders***.

HIGH QUALITY AND EASY WIRELESS NETWORK SETUP

The PIXMA iP4000R Photo Printer offers users high speed, excellent quality, and the freedom of wireless printing as far away as 164 feet/50 meters. Family members on a wireless network in a home office, kitchen or bedroom can all have access. A dual paper path means there's no need to manually adjust paper for documents or photos, while 2-sided printing capability offers creative options and minimizes paper waste. Canon's individual ink tank system increases ink efficiency as the entire family shares one printer. Canon's own FINE Technology offers the perfect combination of quality and speed, delivering photos that are true to life and documents that are razor sharp.

Capability

Resolution (max.)	B/W (max.)	Color (max.)	Ink Droplets Size
4800 dpi	25 ppm	17 ppm	2 pl

Direct Printing



Camera Direct

Advanced Media Handling



2-way Paper Feeding



Auto Duplex Printing

5-color Ink System



PIXMA iP4000R

HIGH QUALITY AND VERSATILITY

5 Color, 2 pl, 4800 dpi[†] for Highly Defined, Beautifully Colored Prints

Canon's FINE Technology help ensure a clear advantage in quality. The iP4000R's 5-color ink system, innovative 1,856-nozzle print head that ejects consistent droplets as small as 2 picoliters, and resolution of up to 4800 x 1200 dots-per-inch[†] combine to deliver impressive photos and documents alike.



Easy Wireless LAN in Addition to Standard Interface

An easy, streamlined interface ensures that users with a wireless network setup will be ready to print wirelessly in as few as three clicks. The printer has a built-in IEEE802.11g interface, and is also fully compatible with the previous 802.11b standard. The iP4000R printer also supports WPA (Wi-Fi Protected Access), and is versatile in adapting seamlessly to mixed environments containing both Windows and Macintosh computers.



Users can view print status from any computer on the network, whether or not the printer is in use. The system identifies the user current user with a unique status display. Print jobs received while the printer is busy are automatically queued in the order received.

For wired LAN printing, the printer features standard wired 10base-T/100base-TX, compatible with a wide range of network environments.

Ultra-fast Engine Speed

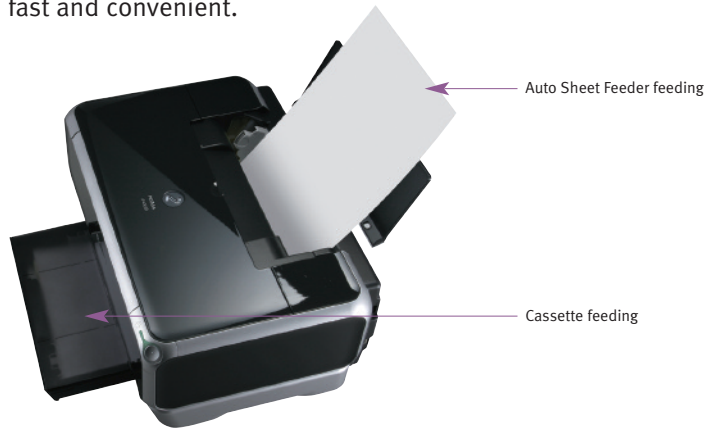
The iP4000R printer boasts fast, quiet operation. It features a new, independent drive DC 4-motor system and high-speed paper feed mechanism. In real terms, this means that users will experience single-color printing at up to 25 pages-per-minute**, color printing at up to 17 pages-per-minute**, and 4 x 6 inch borderless prints in as little as 80 seconds** (Photo Paper Plus Glossy PP-101/draft mode).

B/W (max.)
25 ppm

Color (max.)
17 ppm

Advanced Media Handling

The iP4000R is equipped with advanced features designed to make all kinds of printing fast and convenient.



2-way Paper Feeding

The printer has a built-in Paper Feed Cassette as well as the conventional Auto Sheet Feeder, which means two different types of paper can be loaded at the same time. Combined with three options for setting the printer driver paper source on the computer, this allows for a variety of print scenarios:

With the printer driver paper source set to Paper Feed Switch, users can simply press the printer's Paper Feed Switch to alternate between the different papers loaded in each feeder (for instance letter-size plain paper and 4 x 6 inch photo paper), eliminating the need to physically unload and reload the selected paper.



With the printer driver paper source set to Paper Allocation, users can assign letter-size plain paper as the paper to be fed from the Cassette. This way, jobs to be printed on letter-size plain paper will automatically be fed from the Cassette regardless of the Paper Feed Switch setting on the printer. When paper other than letter-size plain paper is selected, it will automatically be fed from the Auto Sheet Feeder.

Users can set printer driver paper source to Continuous Autofeed for large volume print jobs. With this setting, the printer will print from one feeder until the paper runs out, then switch automatically to the other feeder. Since each feeder can hold 150 sheets, users can print up to 300 sheets without adding paper!

Space Saving

Users with limited installation space can simply remove the auto sheet feeder and print exclusively from the cassette feeder, allowing the printer to be positioned snugly against a wall.

Auto Duplex Printing

Double-sided printing is available on both plain paper and photo paper, from both the Auto Sheet Feeder and Cassette Feeder. This versatility opens up a range of creative and convenient options for users.

Printing e-mail, web pages and other documents front and back on plain paper minimizes paper waste and reduces document bulk.



Using PhotoRecord software bundled with the iP4000R printer and new Photo Paper Plus Double Sided paper, create attractive double-sided photo albums, scrapbooks and more right at home.

PIXMA TECHNOLOGY

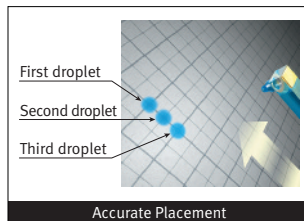
FINE Technology: Beautiful Results Fast

Canon's exclusive FINE (Full-photolithography Inkjet Nozzle Engineering) high-performance print head differs from competitors' offerings in both its design and manufacture to deliver a superior combination of quality and speed.



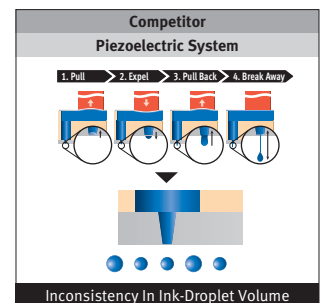
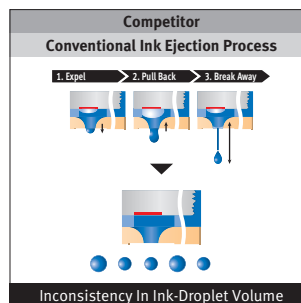
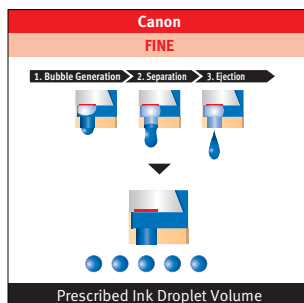
High Quality

High quality ink jet photo printing is a function of the size, uniformity and accurate placement of the ink droplets. The iP4000R uses microscopic droplets of 2 and 5 picoliters to reduce graininess and provide rich gradation. However reducing the size of ink droplets alone is not enough, because smaller droplets require even higher precision in uniformity and placement. Canon addresses this issue by forming relevant sections of the print head in an integrated process, as opposed to bonding together separate parts (a method used by competitors). Moreover, the FINE manufacturing process employs photolithography to produce sub-micron level precision in the profile and dimensions of



nozzles, ink ejection openings and ink supply ports. Canon's print head manufacturing method helps eliminate even minute errors in ink placement that can make an image appear unnatural to the human eye.

Canon's FINE Technology resolves two additional ejection issues. The first is that ink droplets are ejected only after they have been fully separated from the nozzle head, so there's no breakage in the droplet. This helps ensure the consistent ejection of ink droplets of the specific prescribed volume. The second is that power is concentrated efficiently in ejection. This powerful ejection helps overcome the effect of air resistance, so droplets are aimed with greater precision and placed more consistently.



Fast Performance

In order to achieve the fastest possible print speeds while maintaining ultra-high print quality, ink must be ejected simultaneously from a large number of closely positioned nozzles. High density placement of small, short nozzles reduces the number of passes necessary for printing and increases head drive frequency. Here again, Canon avoids the manufacturing methods used by competitors, instead employing integral formation via photolithography to allow for microscopic nozzles with sub-micron precision. Bonding and other manufacturing processes used by competitors make it impossible for them to achieve the nozzle size, quantity and density of nozzles produced by FINE, so while adequate quality can be achieved with slow multiple passes, Canon's combination of speed and quality cannot be matched.

Canon Think Tank System

Canon's exclusive Think Tank System helps to control printing costs*, an important consideration. This efficient system employs individual ink tanks for each color so that users replace only the color that runs out, rather than an entire cartridge containing unused ink. In addition, a unique low-ink sensor alerts users as ink levels become lower (15%, 10% and 5%), so they can be prepared with a new tank as needed.



BJ Direct/PictBridge^{†††} for Fast Direct Printing

The iP4000R printer incorporates Camera Direct, which supports both Bubble Jet Direct and PictBridge technology. This means that users can expect fast, high-quality direct printing when they connect to a compatible digital camera or DV camcorder^{†††}, whether it is a Canon or any other brand that supports the PictBridge standard.



SOFTWARE COMPATIBILITY†

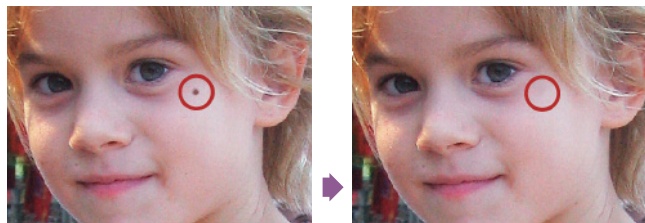
The PIXMA iP4000R Photo Printer is bundled with a wide range of software† that allows even inexperienced users to achieve creatively exciting and professional-looking materials quickly and easily.



Easy-PhotoPrint 3.0

Easy-Photo Print 3.0 combined with PIXMA Technology makes display-worthy portraits truly possible, even for beginners, right at home.

Lab Quality Retouching really lives up to its name. Users can not only correct for red-eye, but the latest version of Easy-PhotoPrint actually brightens faces in back-lit photos, helps sharpen faces in out-of-focus photos, aids in providing digitally smooth complexions and helps remove blemishes.



Lab Quality Trimming uses the rule of thirds for professional-quality recomposing and trimming. The trimming screen displays the image divided into thirds by dotted lines, both vertically and horizontally, with intersections that can then be dragged to create a well-balanced portrait across the entire screen.



High-volume batch printing allows the user to print all images together once they've been corrected and trimmed, a significant time saver.

The program makes it easy to organize a photo collection as it grows. Create index sheets with thumbnails and file names – no special settings required.



Users can print photo data, including exposure time, F number and ISO speed in addition to image size and color-space information. This makes it easy to see what settings give optimal results for specific types of scenes.

With the printer's Auto Duplex capability and Easy-PhotoPrint 3.0, creating double-sided photo albums is as easy as putting photos into a conventional album.

PhotoRecord 2.2

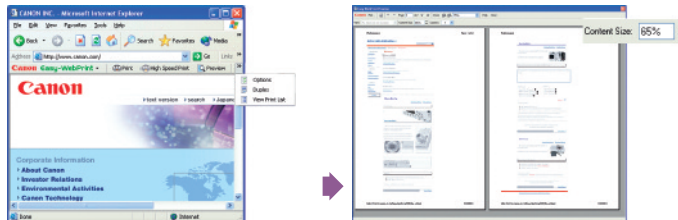
PhotoRecord makes it easy to create double-sided photo albums with fun themes, creative layouts and binding options. Children, travel, pets, birthday parties and other themes with caption bubbles, graphics and lots more make terrific gifts, party favors, and albums to carry and display.



Easy-WebPrint 2.5

Paste in ticket stubs and other mementos to make cherished scrapbooks.

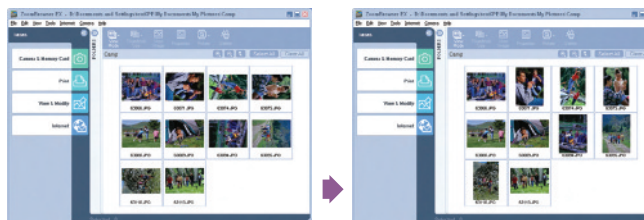
This program takes the frustration out of printing web pages by helping to ensure that any web page printed fits the sheet perfectly.



The program also reduces waste by printing up to four pages on a single sheet.

SI Sensor Supported

Recent Canon digital camera models offer SI (Super Intelligence) sensor technology that records image orientation when photos are taken. The printer's software recognizes this information and automatically rotates images for proper viewing. This is a major convenience, particularly with large batches of images.



PIXMA iP4000R SPECIFICATIONS

PIXMA iP4000R

Printing Method	Bubble Jet Printing, Serial
Resolution (dpi)	Max.: 4800 (horizontal) x 1200 (vertical)
Ink Tank	BCI-6 BK (Dye), BCI-3e BK (Pigment), BCI-6 Y/M/C (Dye) <From left to right>
Print Speed (Approx.)* ¹	Monochrome 25 ppm (Text pattern) Color 17 ppm
Paper Handling	Plain paper Approx. 150 (13mm)
(Auto Sheet Feeder/Cassette*) ²	Super White Paper (SW-201) A4/Letter=Approx. 100 (13mm) High Resolution Paper (HR-101N) A4/Letter=80 Photo Paper Pro (PR-101) A4/Letter=10, 4" x 6"=20 Photo Paper Plus Glossy (PP-101) A4/Letter=10, 4" x 6"=20, 5" x 7"=10 Photo Paper Plus Semi-gloss (SG-101) A4/Letter=10, 4" x 6"=20 Glossy Photo Paper (GP-401) A4/Letter=10, 4" x 6"/Credit Card* ³ =20 Matte Photo Paper (MP-101) A4/Letter=10 Photo Paper Plus Double Sided (PP-101D) A4/Letter/5" x 7"=10 Photo Stickers* ³ (PS-101) 1 T-Shirt Transfer (TR-301) 1 Transparency (CF-102) 30 Envelope Auto Sheet Feeder European DL and US Com. #10 = 10 Cassette European DL and US Com. #10 = 5
Interface	PC USB (B Port) / IEEE802.11g/IEEE802.11b / IEEE802.3u (100BASE-TX)/IEEE802.3 (10BASE-T) Camera Direct Direct Print Port (PictBridge/Bubble Jet Direct)
Compatible OS (Printer Driver)	Windows XP/2000/Me/98, Mac OS X v10.2.1 or later
Acoustic Noise	Approx. 35dB (A) in the best quality mode
Operating Environment	Temperature: 5-35°C, Humidity: 10-90% RH (no condensation)
Storage Environment	Temperature: 0-40°C, Humidity: 5-95% RH (no condensation)
Power Consumption	AC Approx.: 0.5W (Print Standby) / AC Approx.: 0.25W (Off) / AC Approx.: 16W (Printing)
Power Source	100-120V 50/60Hz, 220-240V 50/60Hz (Power Source differs by region)
Dimensions & Weight	418mm (16.5") W x 286mm (11.2") D x 170mm (6.7") H, 6.9Kg (15.18 lb.)

Camera Direct Printing Function (PictBridge)

Compatible Digital Camera	"PictBridge" compliant digital cameras & camcorders
Compatible Paper	Fast Photo* ⁵ Photo Paper Pro: PR-101 A4/Letter/4" x 6" Photo* ⁵ Photo Paper Plus Glossy: PP-101 A4/Letter/4" x 6"*/5" x 7"*/ ⁶ Photo Paper Plus Semi-gloss: SG-101 A4/Letter/4" x 6" Glossy Photo Paper: GP-401 A4/Letter/4" x 6" /Credit Card Photo Stickers: PS-101
Layout	1-up bordered, 1-up borderless* ⁴ #1 #2, Index Print 2-up, 4-up, 9-up, 16-up (bordered)* ⁷
Print Quality	Fixed (High)
Image Optimize	OFF* ⁴ , ON (Exif Print), Vivid* ⁶ , Photo Noise Reduction* ⁶ , Vivid & Photo Noise Reduction* ⁶
Date Print	OFF* ⁴ , ON *Default
Trimming	Supported* ¹
DPOF	Not Supported* ⁴
Resume from "No paper"	Supported* ¹
Error Status by Camera	
Print Speed* ³	4" x 6" borderless: Approx. 80 sec.

*1: Print speed may vary with the content of the document and the processing speed of the host computer.

*2: The paper corresponding to cassette feeding is a maximum of 297mm (equivalent for A4 size).

*3: Auto Sheet Feeder only

*4: Default setting

*5: Displayed function name on the Canon digital camera and digital video camcorders.

*6: Specified Canon digital cameras only.

*7: Only for 4" x 6" size paper using ASF. Function depends on the connected digital cameras or camcorders.

#1: Function depends on the connected digital cameras or camcorders.

#2: The amount of image extension beyond the paper cannot be adjusted.

#3: Image: normal shooting settings with 3 million pixels camera. Time from pressing the print button to the end of print delivery.
Print mode: Photo. When image optimizing functions OFF. Print Speed depends on the connected camera or video.

#4: When the camera can direct each print job according to DPOF settings, printing based on DPOF setting will be available.
Resolution may be changed between Camera Direct print and printing from PC.

*: Will vary based on composition of images/documents printed.

** PPM print speed based on highest speed printer driver setting. Photo print speed based on maximum print speed using Canon Photo Paper Plus Glossy. Print speeds will vary depending on system configuration, software, document complexity, print mode and page coverage.

***: Resolution may vary based on printer driver setting.

†: System requirements vary by application.

††: Easy-WebPrint, is compatible with Windows® XP and Windows 2000/Me/98 only. Easy-WebPrint requires Microsoft® Internet Explorer version 5.5, version 6.0 recommended. See www.canontechsupport.com for updated compatibility.

†††: For a listing of select Canon digital cameras and camcorders featuring Bubble Jet Direct or PictBridge direct printing technology, visit www.usa.canon.com/consumer/directprint. To determine if a non-Canon brand camera or camcorder, is PictBridge compatible please consult the manufacturer.